

01-06-2005

Docket No. 03-452-A

FORM PTO-1595

RF

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102904540

To The Honorable Commissioner of Patents and Trademarks

Documents or copy thereof.

1. Name of conveying party(ies):
 Andrew L. Wolfe
 David Westerhoff

Additional name(s) of conveying party(ies) attached? Yes No

2. Name of receiving party(ies)
 Name: Digital Networks North America, Inc.

Address: 2600 San Tomas Expressway

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: December 1, 2004, December 17, 2004

City: Santa Clara State: California
 Country: U.S.A. Zip: 95051-0953

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)	Filing Date	B. Patent No.(s)
10/939,669	September 13, 2004	

Additional numbers attached? Yes No

2005 JAN -3 AM 7:40
 OPR/FINANCE

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Brian R. Harris

Registration No.: 45,900

Company Name: McDonnell, Boehnen, Hulbert & Berghoff LLP

Street Address: 300 South Wacker Drive - 32nd Floor

City: Chicago State: Illinois

Country: U.S.A. ZIP: 60606

6. Total number of applications and patents involved: 1

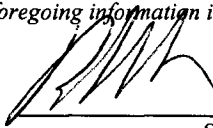
7. Total Fee (37 CFR 3.41).....\$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
 13-2490

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian R. Harris  Date: December 29, 2004

Printed Name of Person Signing Signature

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

01/05/2005 DBYRME 00000100 10939669 Mail Stop Assignment Recordation Services

01 FC:0021

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

1-3-05

ASSIGNMENT

Case No.: 03-452-A
Inventors: Andrew L. Wolfe, David Westerhoff
Date of Execution
of Application:

Serial No.: 10/939,669

Filing Date: September 13, 2004

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Digital Networks North America, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Method and System for Adaptive Transcoding and Transrating in a Video Network
and identified as:

Case No. 03-452-A

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

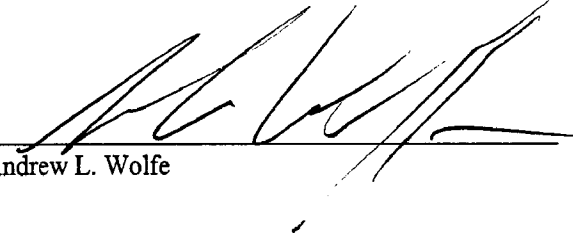
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 1 day of Dec, 2004.



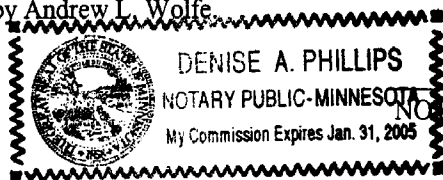
Andrew L. Wolfe

State of _____

County of _____

The foregoing instrument was acknowledged before me this 1~~st~~ day of

December, 2004 by Andrew L. Wolfe.





NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, _____.

David Westerhoff

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, _____ by David Westerhoff.

NOTARY PUBLIC

ASSIGNMENT

Case No.: 03-452-A
Inventors: Andrew L. Wolfe, David Westerhoff
Date of Execution
of Application:

Serial No.: 10/939,669

Filing Date: September 13, 2004

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Digital Networks North America, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Method and System for Adaptive Transcoding and Transrating in a Video Network
and identified as:

Case No. 03-452-A

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this ___ day of _____, _____.

Andrew L. Wolfe

State of

County of

The foregoing instrument was acknowledged before me this ___ day of

_____, _____ by Andrew L. Wolfe.

NOTARY PUBLIC

WITNESS my hand and seal this 17 day of December 2004

David Westerhoff

State of

California

County of

Santa Clara

The foregoing instrument was acknowledged before me this 17th day of

Dec 2004 by David Westerhoff.

NOTARY PUBLIC

12/17/04

